

attachment linker is sulfur, the monolayer forming species (MFS) is $-(CH_2)_{11}-(OCH_2CH_2)_3-OH$ and the electroconduit forming species (AG) is a branched alkyl group.

Prior to examination, please amend the above-identified application as follows:

In the Figures:

Please replace original Figure 2A with the substitute Figure 2A provided.

In the Claims

Please cancel claims 12-44 without prejudice or disclaimer as drawn to non-elected inventions.

Please amend claim the following claims:

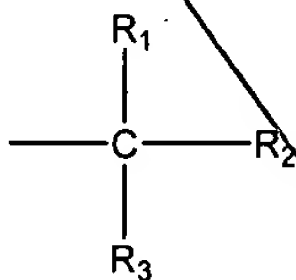
1. (Amended) A composition comprising a metallic surface and an asymmetric monolayer forming species having the formula:



wherein

A is an attachment linker moiety selected from the group consisting of sulfur and phosphonate;
MFS is a monolayer forming species selected from the group consisting of conductive oligomers and insulators;
AG is an electroconduit forming species and,
wherein MFS and AG are different.

9. (Amended) A composition according to claim 1 or 8 wherein said AG is branched, having the formula:

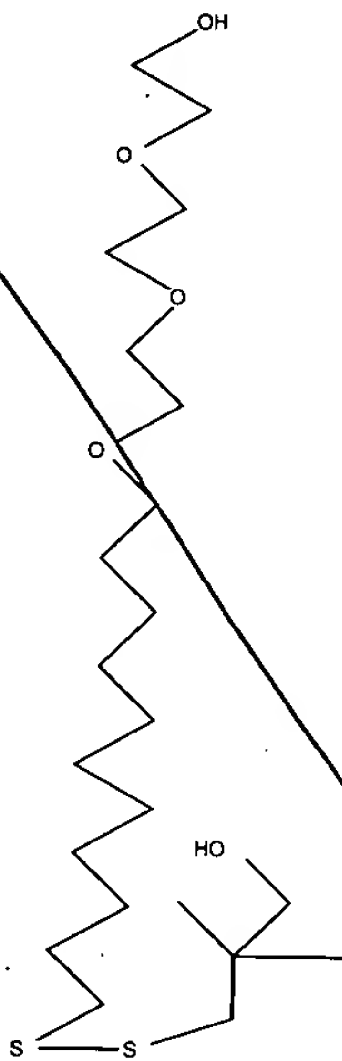


Sub
CA
B3
COT
wherein

R₁ through R₃ are independently selected from the group consisting of hydrogen, alkyl, aryl, alcohol, amine, amido, nitro, ether, ester, ketone, imino, aldehyde, alkoxy, carbonyl, halogen, sulfur containing moiety and phosphorus containing moiety.

Please add the following new claim:

--45. A composition according to claim 1, said asymmetric monolayer forming species having the formula:



REMARKS

Claims 1-11 are pending. Claims 12-44 have been cancelled without prejudice or disclaimer as drawn to a non-elected inventions. Cancellation of claims 12-44 does not affect inventorship. Claim 1 has been amended to claim a Markush group and to clarify that MFS and AG are different, support for which is found in the specification at page 7, lines 29-37. Support